

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 12	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 07-Nov-2001		4. REQUISITION/PURCHASE REQ. NO. W16ROE-1212-9166		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, NEW YORK ATTN: CENAN-CT ROOM 31-100 26 FEDERAL PLAZA (DACW51) NEW YORK NY 10278-0090		CODE DACW51		7. ADMINISTERED BY (If other than item 6)		CODE	
				See Item 6			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. DACW51-01-B-0028	
				X		9B. DATED (SEE ITEM 11) 11-Oct-2001	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u> 1 </u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A.THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B.THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C.THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D.OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose to issue this amendment is as follows: 1. To extend the bid opening date, from 13 November 01, 1100 hours local time, to 19 November 01, 1100 hours local time; 2. To incorporate Wage Rate General Decision Number NJ010003, dated 02 November 01; 3. To revise Section 00010, Bidding Schedule; 4. To incorporate revised Plans and Specifications; 5. All other terms and provisions remain unchanged' NOTE: Bidders must acknowledge receipt of this amendment by the date specified in the solicitation (or as amended) by one to the following methods: in the space provided on the SF1442, by separate letter, or by telegram, or by signing block 15 below. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATIONS OF BIDS OR LATE WITHDRAWAL OF BIDS (FAR14.304). Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
_____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)		07-Nov-2001	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

IFB No. DACW51-01-B-0028
AMENDMENT NO. 0001

Bid opening scheduled for 13 November 2001 at 11:00 A.M., Local Time, is now rescheduled for 19 November 2001.

1. The following changes shall be made to the specifications and drawings.

Specifications

1. Section 00010, Bidding Schedule. Bid Item 0033, Subdrains, has been added to the bid schedule.
2. Section 00800, paragraph 15a. Add the following to the end of the paragraph: "Four Wheel Drive Vehicle: The Contractor is to provide for the use of the Government inspector(s) a 4-door, 4-wheel drive vehicle not more than 3 years old, including insurance, registration, fuel and maintenance for the duration of the contract."
3. Section 00900, Wage Rates. Delete wage rates in their entirety and replace with the attached wage rates.
4. Section 02226, paragraph 1.3.1. Delete second sentence, "Volume shall be....excavation."
5. Section 02226, paragraph 1.3.2. Delete second sentence, "Volume shall be...excavation."
6. Section 02620A: Subdrainage System has been added.

Drawings

1. Sheet No.11. Added Subdrain.
2. This Amendment shall be attached to the specifications and shall be a part thereof.

SECTION 00010 Solicitation Contract Form

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Clearing and Grubbing	1.00	Lump Sum	\$_____	

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ AMOUNT
0002	Demolition	1.00	Lump Sum	\$_____	

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	Removal and Salvage of Historic Building Materials	1.00	Lump Sum	\$_____	

ITEM NO	SUPPLIES/SERVICES	AMOUNT
0004	Trend Excavation	\$_____

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AA	Trench Excavation 15" & 18"dia. RCP Pipe	100.00	Linear Foot	\$_____	

ESTIMATE

\$_____

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AB		30.00	Linear Foot	\$ _____	
	Trench Excavation 36" dia. RCP Pipe				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ _____ AMOUNT
0005		260.00	Each	\$ _____	
	Anchors				

\$ _____

ITEM NO	SUPPLIES/SERVICES
0006	Steel Sheet Piling

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006AA		38,400.00	Square Foot	\$ _____	
	Installed Steel Sheet Piling				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ _____ AMOUNT
0006AB		2,700.00	Square Foot	\$ _____	
	Pulled Steel Sheet Piling				

\$ _____

ESTIMATE

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006AC		2,700.00	Square Foot	\$_____	
	Redriven Steel Sheet Piling				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0007		1,900.00	Linear Foot	\$_____	\$_____
	Steel H-Piles				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0008		284,500.00	Pound	\$_____	\$_____
	Structural Steel				

ITEM NO	SUPPLIES/SERVICES				AMOUNT
0009					\$_____
	Materials				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0009AA		9.00	Cubic Yard	\$_____	
	Bedding Material				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0009AB		4,100.00	Cubic Yard	\$_____	\$_____
	Select Granular Material				

\$_____

ITEM NO SUPPLIES/SERVICES
0010 NOT USED

ITEM NO SUPPLIES/SERVICES
0011 NOT USED

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0012		535.00	Cubic Yard	\$ _____	
	Excavation and Transport of				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ _____ AMOUNT
0013		535.00	Cubic Yard	\$ _____	
	Treatment and Disposal of Contaminated Material				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ _____ AMOUNT
0014		60.00	Square Yard	\$ _____	
	Dense Graded Aggregate Base Course				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ _____ AMOUNT
0015		90.00	Linear Foot	\$ _____	
	15" dia. RC Pipe				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ _____ AMOUNT
0016		6.00	Linear Foot	\$ _____	
	18" dia. RC Pipe				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ AMOUNT
0017	36" dia. RC Pipe	30.00	Linear Foot	\$	

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ AMOUNT
0018	NOT USED				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ AMOUNT
0019	NOT USED				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ AMOUNT
0020	NOT USED				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0021	Inlet	2.00	Each	\$	

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ AMOUNT
0022	Flap Valves				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0022AA	Flap Valves 15" dia.	2.00	Each	\$	

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ AMOUNT
		ESTIMATE			

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0022AB	Flap Valves 36" dia.	1.00	Each	\$_____	

ITEM NO	SUPPLIES/SERVICES				\$_____
0023	NOT USED				

ITEM NO	SUPPLIES/SERVICES
0024	NOT USED

ITEM NO	SUPPLIES/SERVICES
0025	NOT USED

ITEM NO	SUPPLIES/SERVICES
0026	NOT USED

ITEM NO	SUPPLIES/SERVICES
0027	Deformed Steel

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0027AA	Plain Deformed Steel Bars	2,750.00	Pound	\$_____	

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	\$_____	\$_____
0027AB	Epoxy Coated Deformed Steel Bars	146,500.00	Pound		AMOUNT

\$ _____

ITEM NO SUPPLIES/SERVICES
0028 Concrete

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0028AA		1,950.00	Cubic Yard	\$ _____	
	Concrete				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ _____ AMOUNT
0028AB		4,000.00	Square Foot	\$ _____	
	PreCast Concrete				

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	\$ _____ AMOUNT
0029		60.00	Square Foot	\$ _____	
	Bituminoous Paving				

ITEM NO	SUPPLIES/SERVICES				\$ _____
0030					
	NOT USED				

ITEM NO SUPPLIES/SERVICES
0031 NOT USED

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0032		405.00	Linear	\$ _____	

Chain Link Fence

Foot

ITEM NO	SUPPLIES/SERVICES	ESTIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0033		1,160.00	Linear Foot	\$_____	\$_____
	Subdrains				

**QUANTITIES ARE ESTIMATED

\$_____

TOTAL LINES ITEMS NOS. 0001 THROUGH 0033 -----\$_____

GENERAL DECISION NJ010003 11/02/2001 NJ3

Date: November 2, 2001

General Decision Number **NJ010003**

Superseded General Decision No. NJ000003

State: New Jersey

Construction Type:

BUILDING

HEAVY

HIGHWAY

County(ies):

BERGEN

MIDDLESEX

SUSSEX

ESSEX

MORRIS

UNION

HUDSON

PASSAIC

WARREN

HUNTERDON

SOMERSET

BUILDING CONSTRUCTION PROJECTS (does not include residential construction consisting of single family homes and apartments up to and including 4 stories, does not include Hunterdon or Somerset Counties for building construction only)

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	03/02/2001
1	03/09/2001
2	04/06/2001
3	05/04/2001
4	06/01/2001
5	07/06/2001
6	07/27/2001
7	08/03/2001
8	08/24/2001
9	11/02/2001

COUNTY(ies):

BERGEN

MIDDLESEX

SUSSEX

ESSEX

MORRIS

UNION

HUDSON

PASSAIC

WARREN

HUNTERDON

SOMERSET

* ASBE0032E 09/19/2001

Rates

Fringes

BERGEN, ESSEX, HUDSON, HUNTERDON (Remainder), MIDDLESEX (Remainder), MORRIS, PASSIAC, SOMERSET (Remainder), SUSSEX, UNION, & WARREN (Remainder) COUNTIES:

ASBESTOS WORKERS/INSULATORS

Includes the application of all

insulating materials; protective coverings, coatings, and finishes to all types of mechanical systems	30.62	18.16
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ASBE0089A 07/01/2001

	Rates	Fringes
HUNTERDON (Alexander, Bethlehem, Bloomsbury, Clinton, Delaware, East Armwell, Flemington, Franklin, Frenchtown, Glen Garden, Hampton, High Bridge, Holland, Kingwood, Lambertville, Lebanon, Milford, Raritan, Readington, Stockton, Union, and West Armwell Twp), MIDDLESEX (Cranbury, East Brunswick, Helmatta, Jamesburg, Milltown, Monroe, North Brunswick, Plainsboro, South Brunswick, and Spotswood Twp), SOMERSET (Branchburg, Franklin, Hillsborough, Manville, Millstone, Montgomery and Rocky Hill Twp), AND WARREN (Franklin, Greenwich, Hamony, Lopatcong, Oxford, Phillipsburg, Washington, and White Twp) COUNTIES		

ASBESTOS WORKERS/INSULATORS

Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems	28.93	15.57
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BOIL0028A 08/01/1999

	Rates	Fringes
BOILERMAKER	31.15	16.05

BRNJ0004D 11/01/2000

	Rates	Fringes
BERGEN, ESSEX, HUDSON, MORRIS, PASSAIC, SUSSEX, UNION, WARREN, the following parts of HUNTERDON, and SOMERSET COUNTIES: (at Old Mill Inn Route #202 follow Passaic River to the Dean River from thence to Sunset Lake at Pluckemin, follow Chambers Brook to Oldwick to Fairmount, Hunderton County across the county line to Long Valley in Morris County, thence across from Long Valley into Chester, three miles North of Chester to Muskrat, then back across into Ralston, Morris County, then follow Morris-Somerset County line into Mendham Township, then across Morris County line into Somerset, back to the Old Mill Inn in Bernardsville, Route #202, Somerset County)		

BRICKLAYERS, CEMENT MASONS, PLASTERERS, & STONEMASONS	28.77	12.95
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BRNJ0005B 11/01/2000

	Rates	Fringes
HUNTERDON (Annadale, Califon, Lebanon, Oldwick, Readington, Three Bridges, & White House Station Twp), MIDDLESEX (except Dunellen, Middlesex, Oak Tree, New Market, and South Plainfield Twp), AND SOMERSET (Remainer) COUNTIES		

BRICKLAYERS, CEMENT MASONS, PLASTERERS & STONEMASONS	27.85	12.70
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CARP0006B 05/01/2000

	Rates	Fringes
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BERRGEN (East of Hackensack River including but not limited to Cliffside, Coytesville, Edgewater, Fairview, Fort Lee, Grant Wood, Leonia, Palisades Park, and Ridgefield Twps), AND HUDSON (East of the Hackensack River) COUNTIES

CARPENTER	28.36	12.32
MILLWRIGHTS	29.06	12.53

CARP0015B 05/01/2000

	Rates	Fringes
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BERGEN COUNTY (Remainder)

CARPENTERS	28.46	43%+.18
MILLWRIGHTS	28.96	43%+.18

CARP0031C 05/01/1997

	Rates	Fringes
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HUNTERDON (Starting at the South of the town of Frenchtown on the Delaware River, thence following the line in the center of the road to Bapistown to Croton to the City of Flemington to Flemington Junction to Three Bridges, tehnce following the Somerset County line Northward, all territory South of this line including the City of Flemington) AND SOMERSET (all territory South of a line beginning at Armwell on the County line to Zion to Fairview to Dutchtown to Plainsville to Bell Mead to Griggstown to the Delaware and Raritan Canal) COUNTIES

CARPENTERS	26.28	12.34
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CARP0041C 05/01/1995

	Rates	Fringes
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ESSEX (Millburn Twp), MIDDLESEX, MORRIS, SOMERSET (Municipalities of Greenbrook, North Plainfield, Watchung, and all communities East of King George's Road), SUSSEX AND UNION COUNTIES

CARPENTERS & INSULATORS	25.94	37%+.04
MILLWRIGHTS	26.44	37%+.04

CARP0099I 05/01/1995

	Rates	Fringes
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LATHERS

25.94	37%+.10
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CARP0124A 05/01/2000

	Rates	Fringes
BERGEN (City of Garfield and Boroughs of Lodi and Wallington), AND PASSAIC COUNTIES		

CARPENTERS	28.46	43%+.18
MILLWRIGHTS	28.96	43%+.18

CARP0399A 05/01/1995		
	Rates	Fringes
WARREN COUNTY		
CARPENTERS & INSULATORS	26.33	35%+.04
MILLWRIGHTS	26.58	35%+.04

CARP1342A 05/01/2000		
	Rates	Fringes
ESSEX, AND HUDSON (West of Hackensack River)		
CARPENTERS	28.46	43%+.18
MILLWRIGHTS	28.96	43%+.18

* CARP1456A 07/01/2001		
	Rates	Fringes
DIVER	41.17	23.35
DIVER TENDER	30.39	23.35

CARP1456B 05/01/2000		
	Rates	Fringes
DOCK BUILDER & PILEDRIVERMEN	29.89	17.13

CARP2212A 05/01/1999		
	Rates	Fringes
BERGEN, ESSEX, HUDSON, & PASSAIC COUNTIES		
SOFT FLOOR LAYERS	25.75	39.73%

ELEC0017A 07/01/1994		
	Rates	Fringes
ELECTRICIANS (RAILROAD CONSTRUCTION)	21.20	26.5%
COMMERCIAL TELEPHONE INSTALLATION	21.20	26.5%

ELEC0102B 06/04/2001		
	Rates	Fringes
MORRIS, PASSAIC, SUSSEX, AND WARREN COUNTIES		
LINE CONSTRUCTION:		
Lineman & Equipment Operators	35.52	37%
Cable Splicers	39.08	37%

Groundmen	21.31	37%

ELEC0102C 06/04/2001		
	Rates	Fringes
MORRIS, PASSAIC, SUSSEX, AND WARREN COUNTIES		
ELECTRICIAN	35.52	37%
CABLE SPLICER	39.08	37%

ELEC0164B 08/15/2000		
	Rates	Fringes
BERGEN, ESSEX, AND HUDSON COUNTIES		
LINE CONSTRUCTION:		
Lineman, Welder, X-Ray Technician, Equipment Repairman, & Equipment Serviceman	34.42	41%
Cable Splicer	38.89	41%
Groundman	20.66	41%

ELEC0164C 06/04/2001		
	Rates	Fringes
BERGEN, ESSEX, AND HUDSON COUNTIES		
ELECTRICIANS	35.60	42%
CABLE SPLICERS	40.23	42%

ELEC0262A 06/01/1994		
	Rates	Fringes
UNION COUNTY (Area South and West of a line running East from Somerset County on Mountain Avenue in New Providence Borough to Diamond Hill Road, South on that road to and along Park Avenue in Scotch Plains and continuing along Martine Avenue to and Northeast along Raritan Road to and Easterly along Westfield - Scotch Plains line to Lehigh Valley Railroad and Southwest on the railroad to Middlesex County line)		
LINE CONSTRUCTION:		
Groundman	22.05	11.7%+3.76
Lineman, Cable Splicers, Line Equipment Operator	23.23	11.7%+3.76

ELEC0262B 08/15/1993		
	Rates	Fringes
MIDDLESEX COUNTY (Area North and West of a line following the		

Philadelphia and Reading Railroad East from the Raritan River to Dismal Road, Northeast on Dismal Road to Park Avenue, North on Park Avenue to Lehigh Valley Railroad, and Northeast along that railroad to the Union County line)

ELECTRICIANS	25.92	6.09+20%
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ELEC0262C 06/01/1994

	Rates	Fringes
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HUNTERDON (Except Tewksbury Twp and Califon Borough), AND SOMERSET (Area South of a line following Mountain Ave from the Union County line West to Hillcrest Ave in Union Village, North on Hillcrest Ave to and West on the Passaic River, West on Dead River, West on Allen Road, North on Somerville Road, West on Howell Road, Southwest on Mount Prospect Road, West on Martinsville - Pluckemin Road, West on Klines Mill road, North on John Kane Road to Hunterdon County Line, and also that portion of Montgomery Twp West and South of a line following U.S. Highway #206 North from Mercer County to the Harliden Road, West along that road the Dutchtown - Zine Road to Hillsboro Township line)

LINE CONSTRUCTION:

Lineman, Cable Splicer	22.87	3.76+11.7%
Groundman	21.06	3.76+11.7%

ELEC0262E 08/15/1993

	Rates	Fringes
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UNION COUNTY (Area South and West of a line running East from Somerset County on Mountain Ave in New Providence Borough to Diamond Hill Rd, South on that Road to and along Park Ave in Scotch Plains and continuing along Martine Ave to and Northeast along Raritan Rd to and Easterly along Westfield - Scotch Plains line to the Lehigh Valley Railroad and Southwest on the railroad to the Middlesex County line)

CABLE SPLICERS & ELECTRICIANS	26.85	6.09+20%
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ELEC0262G 06/01/1994

	Rates	Fringes
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HUNTERDON (Except Tewksbury Twp and Califon Borough), SOMERSET (Area South of a line following Mountain Avenue from Union County line West to Hillcrest Ave to and West on the Passaic River, West on Dead River, West on Allen Rd, North on Somerville Rd, West on Howell Rd, Southwest on Mt Prospect Rd, West on Martinsville-Pluckemin Rd, West on Klines Mill Rd, North on John Kane Rd to Hunterdon County line, and that portion of Montgomery Twp West and South of a line following US Highway #206 North from Mercer County to Harliden Rd, West along that road that road the Dutchtown - Zine Rd to Hillsboro Twp line)

ELECTRICIANS & CABLE SPLICERS	26.83	6.09+20%
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ELEC0262H 11/30/1994

MIDDLESEX COUNTY (Area North and West of a line following the Philadelphia and Reading Railroad East from the Raritan River to Dismal Road, Northeast on Dismal Road to Park Avenue, North on Park Avenue to the Lehigh Valley Railroad, and Northeast along that railroad to the Union County line)

LINE CONSTRUCTION:

	Rates	Fringes
Linemen, Cable Splicers	22.87	3.76+11.7%
Groundmen	21.06	3.76+11.7%

ELEC0358A 06/01/1998

MIDDLESEX COUNTY (Remainder)

	Rates	Fringes
ELECTRICIANS	30.26	42.75%

ELEC0358C 06/01/1998

MIDDLESEX COUNTY (Remainder)

LINE CONSTRUCTION:

	Rates	Fringes
Linemen, Hole Digger Operator, Truck w/o Winch or Pole & Steel Hand, Truck w/o Winch, X-ray Technician & Equip. Repairer	30.26	43%
Cable Splicer	33.89	43%
Groundman & Winch Operator	29.47	43%
Certified Welder Lineman	31.77	43%

ELEC0456B 06/04/2001

MIDDLESEX COUNTY (Area South and West of a line extending East from the Raritan River along the Philadelphia and Reading Railroad to Shelton Rd, South on Shelton Rd to Lincoln Hwy to Vineyard Rd to Old Post Rd, along Old Post Rd to Mill Rd, along Mill Rd to the Raritan River, along the Raritan River to South River, along South River to the Southern boundary of the Borough of South River, along this boundary to Cranbury South River Turnpike, along this road continuing on to Washington Rd and Maplewood Ave in Cranbury to Scott Ave, along Scott Ave to Main St, on Main St and the turnpike to Millstone River)

	Rates	Fringes
ELECTRICIANS	33.56	45.75%
CABLE SPLICERS	37.59	45.75%

ELEC0456C 06/04/2001

	Rates	Fringes
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MIDDLESEX COUNTY (Area South and West of a line extending East from the Raritan River along the Philadelphia and Reading Railroad to Shelton Rd, South on Shelton Rd to Lincoln Hwy to Vineyard Rd to Old Post Rd, along Old Post Rd to Mill Rd, along Mill Rd, along Mill Rd to the Raritan River, along Raritan River to South River, along South River to the Southern boundary of the Borough of South River, along this boundary to the Cranbury South River Turnpike, along this road continuing on to Washington Rd and Maplewood Ave in Cranbury to Scott Ave, along Scott Ave to Main St, on Main St and the turnpike to Millstone River)

LINE CONSTRUCTION:

Linemen	33.56	45.75%
Cable Splicer	37.59	45.75%
Groundmen	32.77	45.75%
Winch Operator	32.77	45.75%

ELEC0581A 06/01/1994

Rates

Fringes

UNION (Area West and North of a line running in a Southerly direction from Morris Ave along Baltusrol Way, Across Baltusrol Country Club to Baltusrol Rd, Along Baltusrol Rd and Summit Lane to Mountainside Borough and along New Providence Rd to and along Mountainside Borough line, to and along Washington Valley Rd to and North along Diamond Hill Rd to and West on Mountain Ave in New Providence Borough, to the Somerset County Line), AND SOMERSET (Area North of a line following Mountain Ave from the Union County line West to Hillcrest Ave in Union Village, North on Hillcrest Ave to and West on the Passaic River, West on the Dead River, West on Allen Rd, North on Somerville Rd, West on Howell Rd, Southwest on Mount Prospect Road, West on Stillwest Rd, and West on Hall's Bridge Rd to the Hunterdon County Line) COUNTIES

LINE CONSTRUCTION:

Lineman & Equipment Oper	27.32	15.75%+5.18
Line Truck Equipment, and Groundman	20.30	15.75%+5.18

ELEC0581C 08/15/1993

Rates

Fringes

SOMERSET (Area North of a line following Mountain Ave from the Union County Line West to Hillcrest Ave in Union Village, North on Hillcrest Ave to and West on the Passaic River, West on the Dead River, West on Allen Rd, North on Somerville Rd, West on Howell Rd, Southwest on Mount Prospect Rd, West on Stillwest Rd, and West on Hall's Bridge Rd to the Hunterdon County Line), and UNION (Area West and North of a line running in a Southerly direction from Morris Ave along Baltusrol Way, across Baltusrol Country Club to Baltusrol Rd along Baltusrol Rd and Summit Lane to Mountainside Borough to and along New Providence Rd, to and along Mountainside Borough Line, to and along Washington Valley Rd to and North along Diamond Hill Rd to and West on Mountain Ave in New Providence Borough to the

Somerset County Line) COUNTIES

ELECTRICIANS & CABLE SPLICERS	27.77	15.00%+5.22
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ELEC0675B 05/29/1995

Rates	Fringes
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UNION COUNTY (Area East and North of a line running in a Southerly direction from Morris Ave along Baltusrol Way across Baltusrol Country Club to Baltusrol Rd, along Batlusrol Rd and Summit Lane in Mountainside to and along New Providence Rd to and along the Mountainside line to and along Washington Valley Rd, to and along Diamond Hill Rd to and along Park Ave in Scotch Plains, and continuing along Martine Ave, to and Northeast along Raritan Rd, to and Easterly along the Westfield - Scotch Plains Line, to the Lehigh Valley Railroad and Southwest on the railroad to the county line)

LINE CONSTRUCTION:

Lineman, Cable Splicers,		
Line Equipment Operators	27.98	30.75%+4.25
Groundmen	26.83	30.75%+4.25

ELEC0675C 05/29/1995

Rates	Fringes
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UNION (Area East and North of a line running in a Southerly direction from Morris Ave along Baltusrol Way, across Baltusrol Country Club to Batlusrol Rd and Summit Lane to Mountainside Borough, to and along Washington Valley Road, to and North along Diamond Hill Rd, to and west on Mountain Ave in New Providence Borough, to the Somerset County line), AND SOMERSET (Area North of a line following Mountain Ave from the Union County Line West to Hillcrest Ave in Union Village, North on Hillcrest Ave to and West on the Passaic River, West on the Dead River, West on Allen Rd, North on Somerville Rd, West on Howell Rd, Southwest on Mount

Prospect Rd, West on Stillwest Rd, and West on Hall's Bridge Rd, to the Hunterdon County Line) COUNTIES

ELECTRICIANS & CABLE SPLICERS	27.98	4.25+30.75%
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ELEV0001A 07/01/1994

Rates	Fringes
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ELEVATOR MECHANICS:

Construction	22.59	5.22+A+B+C
Modernization	15.94	3.69+A+B+C

FOOTNOTES:

- PAID HOLIDAYS: New Year's Day, Lincoln's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Election Day, Thanksgiving Day, and Christmas Day
- Employer contributes \$8.00 per day per employee to annuity fund
- Employee with 6 months but less than 5 years of service

receive 2 weeks vacation, and 3 weeks vacation for
5 years or more of service

ENGI0825C 07/01/2000	Rates	Fringes
POWER EQUIPMENT OPERATORS TANK ERECTION:		
GROUP 1	33.61	15.65+A+B
GROUP 2	32.77	15.65+A+B
GROUP 3	34.75	15.65+A+B
GROUP 4	30.68	15.65+A+B
GROUP 5	25.47	15.65+A+B

FOOTNOTES:

- A. PAID HOLIDAYS: New Year's Day; Washington's Birthday
Memorial Day; Independence Day; Labor Day; Veteran's Day,
Thanksgiving Day; and Christmas Day.
- B. Employee receives 20% premium pay for hazardous waste work.

TANK ERECTION CLASSIFICATIONS

GROUP 1: Operating Engineers--on all Cranes, derricks, etc.
with booms including jib 140 ft. or more above the ground.

GROUP 2: Operating Engineers--on all equipment, including
cranes derricks, etc. with booms including jib, less than 140
ft. above the ground.

GROUP 3: Helicopters--Pilot.

GROUP 4: Air compressors, welding machines and generators (gas,
diesel, or electrical driven equipment and sources of power from
a permanent plant, i.e., steam, compressed air, hydraulic or
other power, for the operating of any machine or automatic tools
used in the erection, alteration, repair and dismantling of
tanks and any and all "DUAL PURPOSE" trucks used on the
construction job site.

GROUP 5: Oiler.

ENGI0825D 07/01/2000	Rates	Fringes
POWER EQUIPMENT OPERATORS: [STEEL ERECTION]:		
GROUP 1	33.89	15.65+A+B
GROUP 2	32.98	15.65+A+B
GROUP 3	30.69	15.65+A+B
GROUP 4	28.03	15.65+A+B
GROUP 5	26.50	15.65+A+B
GROUP 6	24.74	15.65+A+B
GROUP 7	35.25	15.65+A+B

FOOTNOTES:

- A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day.
- B. Employees receive 20% premium pay for hazardous waste work.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS
[STEEL ERECTION]

GROUP 1: Cranes - (all cranes, land or floating with booms including job 140 ft. and over, above ground); derricks-(all derricks, land or floating with boom including jib 140 ft. and over, above ground).

GROUP 2: Cranes - (all cranes, land or floating with booms including jib less than 140 ft. above ground); derricks (all derricks, land or floating with booms including jib, less than 140 ft. above ground).

GROUP 3: "A" frame; cherry pickers 10 tons and under; hoists; all types hoists shall also include steam, gas, diesel, electric, air hydraulic, single and double drum, concrete, brick shaft caisson, or any other similar type hoisting machines, portable or stationary, except Chicago boom type; jacks-screw air hydraulic power operated unit console type (not hand jack or pile load test type) side booms.

GROUP 4: Aerial platform used hoist; compressor, 2 or 3 in battery; elevators or house cars; conveyors and tugger hoists; fireman; forklift; generators, 2 or 3 maintenance-utility man; rod bending machine (power); welding machines--(gas or electric, 2 or 3 in battery, including diesels); captain power boats; tug master power boats.

GROUP 5: Compressor, single, welding machine, single, gas, electric converters of any type, diesel; welding system multiple (rectifier transformer type); generator, single.

GROUP 6: Oiler staddle carrier.

GROUP 7: Helicopter pilot.

ENGI0825E 07/01/2000

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
OILOSTATIC MAINLINES & TRANSPORTATION PIPELINES:		

GROUP 1	31.75	15.65+A+B
GROUP 2	30.10	15.65+A+B
GROUP 3	27.96	15.65+A+B
GROUP 4	26.46	15.65+A+B
GROUP 5	24.74	15.65+A+B
GROUP 6	33.68	15.65+A+B

FOOTNOTES:

- A. PAID HOLIDAYS: New Year's Day; Washington's Birthday, Memorial Day; Independence Day; Labor Day; Veteran's Day, Thanksgiving Day; and Christmas Day
- B. Employee receives 20% premium pay for hazardous waste work.

OILOSTATIC MAINLINES AND TRANSPORTATION PIPE LINES
CLASSIFICATIONS

GROUP 1: Backhoe; cranes (all types); draglines; front-end loaders (5 yds. and over); gradalls; scooper (loader and shovel); koehring and trench machines.

GROUP 2: "A" frame; backhoe (combination hoe loader); boring and drilling machines; ditching machine, small; ditchwitch or similar type; fork lifts; front end loaders (2 yds and over but less than 5 yds.); graders, finish (fine); hydraulic cranes, 10 tons and under (over 10 tons - crane rate applies); side booms; and winch trucks (hoisting).

GROUP 3: Backfiller; brooms and sweepers; bulldozers; compressors (2 or 3 in battery); front-end loaders (under 2 yds.); generators; giraffe grinders; graders and motor patrols; mechanic; pipe bending machine (power); tractors; water and sprinkler trucks, welder and repair mechanic.

GROUP 4: Compressor (single); dope pots (mechanical with or without pump); dust collectors; farm tractors; pumps (4 in. suction and over); pumps (2 or less than 4 in. suction); pumps; diesel engine and hydraulic (immaterial or power); welding machines;

gas or electric converters of any type, single; welding machines, gas or electric converters of any type, 2 or 3 in battery multiple welders; wellpoint systems (including installation and maintenance).

GROUP 5: Oiler, grease, gas, fuel and supply trucks and tire repair and maintenance.

GROUP 6: Helicopter-pilot.

ENGI0825M 07/01/2000

	Rates	Fringes
BUILDING CONSTRUCTION PROJECTS; HEAVY, HIGHWAY, ROAD, STREET AND SEWER PROJECTS:		
POWER EQUIPMENT OPERATORS		
GROUP 1	31.12	15.65+A+B
GROUP 2	29.53	15.65+A+B
GROUP 3	27.62	15.65+A+B
GROUP 4	25.99	15.65+A+B
GROUP 5	24.28	15.65+A+B
GROUP 6	32.94	15.65+A+B

FOOTNOTES:

- A. New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Christmas Day, plus Washington's

Birthday and Veterans Day.
B. Employee receives 20% premium pay for hazardous waste work.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Autograde - combination subgrader; base metal spreader and 7 base trimmer (CMI and similar types); autograde placer, trimmer, spreader combination (CMI and similar types); autograde slipform paver (CMI and similar types); backhoe; central power plants (all types); concrete paving machines; cranes (all types, including overhead and straddle travelling type); cranes; gantry; derricks (land or floating); drillmaster, quarrymaster (down the hole drill) rotary drill; self propelled hydraulic drill; self-powered drill; dragline; elevator graders; front end loaders (5 yds. and over); gradalls; grader; raygo; locomotive (large); mucking machines; pavement and concrete breaker, i.e.; superhammer and hoe ram; pile driver; length of boom including length of leads, shall determine premium rate applicable; roadway surface grinder; scooper (loader and shovel); shovels; tree chopper with boom; trench machines.

GROUP 2: "A" frames backhoe (combination); boom attachment on loaders (rate based on size of bucket) not applicable to pipehook, boring and drilling machines; brush chopper; shredder and tree shredder; tree shedder; cableways; carryalls; concrete pump; concrete pumping system; pumpcrete and similar types;

conveyors, 125 ft. and over; drill doctor including dust collector, maintenance); front end loaders (2 yds. but less than 5 yds.); graders (finisher); groove cutting machine (ride on type); header planer; hoists; (all types hoists, shall also include steam, gas, diesel, electric, air hydraulic, single and double drum, concrete brick shaft caisson, snorkel roof, and/or any other similar type hoisting machines, portable or stationary, except Chicago boom type); hoists (Chicago boom type); hydraulic cranes, 10 tons and under; hydro-axle; jacks screw air hydraulic power operated unit or console type (not hand jack or pile load test type); log skidder; pans; pavers (all concrete; pumpcrete machines; squeezecrete and concrete pumping (regardless of size); scrapers; side booms; straddle carrier; ross and similar types; winch truck (hoisting).

GROUP 3: Asphalt curbing machine; asphalt plant engineer; asphalt spreader; autograder tube finisher and texturing machine (CMI and similar types); autograde curercrete machine (CMI and similar types); autograde curb trimmer and sidewalk; shoulder; slipform (CMI and similar types); bar bending machines (power); batchers; batching plant and crusher on site; belt conveyor systems; boom type skimmer machines, bridge deck finisher; bulldozers (all); car dumpers (railroad); compressor and blower type units (used independently or mounted on dual purposes trucks, on job site or in conjunction with job site, in loading and unloading of concrete, cement, fly ash, instancrete, or similar type materials); compressor (2 or 3) (battery); concrete finishing machines; concrete saws and cutters (ride on type); concrete spreaders; hetzel; rexomatic and similar types; concrete

vibrators; conveyors; under 125 ft.; crushing machines; ditching machine; small (ditchwitch or similar type); dope pots (mechanical with or without pump); dumpsters elevators fireman; fork lifts (economobile; lull and similar types of equipment); front end loaders (1 yd. and over but less than 2 yds.); generators (2 or 3) in battery; giraffe grinders; graders and motor patrols; gunnite machines (excluding nozzle); hammer vibratory (in conjunction with generator); hoist (roof, tugger, aerial platform hoist and house cars); hoppers; Hopper doors (power operated); ladders (motorized); laddervator; locomotive; dinky type; maintenance; utility man; mechanics; mixers (except paving mixers); motor patrols and graders; pavement breakers, small; self- propelled ride on type (also maintaining compressor or hydraulic unit); pavement breaker; truck mounted; pipe bending machine (power); roller; black top; scales; power; seaman pulverizing mixer; shoulder widener; silos; skimmer machines (boom type); steel cutting machine; services and maintainng; tractors; tug captain; vibrating plants (used in conjunction with unloading); welder and repair mechanics, concrete cleaning/ decontamination machine operstor, directional boring machine, heavy equipment robotics operator/technician, master environmental maintenance technician, ultra high pressure waterjet cutting tool system operator/maintenance technician vacuum blasting machine operator/maintenance technician.

GROUP 4: Brooms and sweepers, chippers, compressor (single), concrete spreaders (small type), conveyor loaders (not including

elevator graders), engines, large diesel (1620 H.P.) and staging pump, farm tractors; fertilizing equipment (operation and maintenance) fine grade machine (small type); form line graders (small type); front loader (under 1 yd.); generator (single); grease, gas, fuel and oil supply trucks; heaters (nelson or other type including propane, natural gas or flow-type units); lights; portable generating light plants; mixers; concrete small; mulching equipment (operation and maintenance) pumps (4 inch suction and over including sumbersible pumps); pumps (2 or less than 4" suction and over including sumbersible pumps); pumps (diesel engine and hydraulic) immaterial of power road finishing machines (small type); rollers; grade; fill or stone base; seeding equipment (operation and maintenance of); sprinkler and water pump trucks steam jennies and biolers, stone spreader; tamping machines vibrating ride-on; temporary heating plany (nelson or other type, including propane, natural gas or flow type units); water and sprinkler trucks; welding machines (gas, diesel, and/or electric converters of any type, single; two or three in a battery); welding systems, multiple (rectifier transformer type); wellpoint systems.

GROUP 5: Oiler.

GROUP 6: Helicopter pilot.

IRON0011D 07/01/2001

	Rates	Fringes
BERGEN, ESSEX, HUDSON, HUNTERDON (Western half),MIDDLESEX (North half), MORRIS, PASSAIC, SOMERSET (North Half), SUSSEX AND UNION		

COUNTIES

IRONWORKERS:		
Structural	28.28	23.15
Reinforcing	26.38	23.15

IRON0036C 07/01/2001		
	Rates	Fringes

WARREN COUNTY

Projects under \$25 million:

IRONWORKERS; STRUCTURAL, REINFORCING AND ORNAMENTAL	25.34	13.23
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Projects \$25 million or more:

IRONWORKERS: STRUCTURAL, REINFORCING AND ORNAMENTAL	25.84	13.23
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IRON0068E 07/01/2001		
	Rates	Fringes

HUNTERDON (Eastern half), MIDDLESEX (South half), AND SOMERSET
(South half) COUNTIES

IRONWORKERS:

Structural, Ornamental	27.56	21.10
Rereinforcing (Concrete Rods)	25.56	21.10

LABO0021C 05/01/2001		
	Rates	Fringes

HUDSON COUNTY (Remainder)

LABORERS BUILDING CONSTRUCTION:

Class A Laborer	22.45	11.25
Class B Laborer	21.95	11.25
Class C Laborer	18.66	11.25

Class A Laborer: Jack Hammer, Tamper, Operator of Motorized
tamper and compactor, operator of hydro demolition equipment,
operator of all types of motorized forklifts, operator of
motor buggy, operator of conveyor, operator of bobcat,
demolition burners, nozzle operator on gunnite, scaffold
builder, & mortar man (except silofed).

Class B Laborer: all laborers not listed in Class A or C

Class C Laborer: Laborers doing janitorial-type light clean-
up work associated with the turnover of the project or part
of a project to the owner.

LABO0072B 05/01/2001		
	Rates	Fringes

MIDDLESEX COUNTY (Perth Amboy, Carteret, Woodbridge, Metuchen)

Twps, South River, Sayreville, South Amboy, Old Bridge, East Brunswick, Spotswood, Jamesburg, Helmetta, Cranbury & Monroe Twps)

LABORERS BUILDING CONSTRUCTION:

Class A	22.45	11.25
Class B	21.95	11.25
CLASS C	18.66	11.25

Class A-Jack Hammer, Motorized Tamper & Compactor, Street Cleaning Machines, Scaffold Builders, Hydro Demolition Equipment, all types of Motorized Fork Lifts, Riding Motor Buggy Operator, Bobcat Operator, Mortar Man, & Nozzle Man on Gunnite work.

CLASS B All Laborers not listed in Class A or C.

CLASS C Laborers doing Janitorial type light clean up work associated with the turnover of the project to the owner All Flagman, and those manning temporary heat of all types.

LABO0156B 05/01/2001

Rates	Fringes
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MIDDLESEX (Remainder), and SOMERSET (East Millstone and Franklin Townships) COUNTIES:

LABORERS:

Group 1	22.45	11.25
Group 2	21.95	11.25
Group 3	18.66	11.25

Group 1-Jack Hammers,Tampers,Motorized Tampers and Compactors,Street Cleaning Machines,Scaffold Builder,Hydro Demolition Equipment, all types of Motorized fork lifts riding Motor Buggy operator,Conveyor operator, Bobcat operator,Mortar Man,Burners, Nozzle man on gunite work, Mortar Man shall include all laborers engaged in any mode of mixing aggregate by hand or mechanical means with the exception of silo work.

Group 2-Basic laborer's rate and includes all work not included in Group 1 or Group 3

2.Group 3-Laborers doing janitorial-type clean-up work associated with the turnover of the project or part of a project to the owner.

LABO0232B 05/01/2001

Rates	Fringes
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SOMERSET COUNTY (Bernardsville, Peapack, Gladstone, Far Hills, Bernards, and Bedminster Twps):

LABORERS:

Group 1	22.45	11.25
Group 2	21.95	11.25
Group 3	18.66	11.25

Group 1-Jack Hammers, Tampers, Motorized Tampers and Compactors, Street Cleaning Machines, Scaffold Builder, Hydro Demolition Equipment, all types of Motorized fork lifts riding Motor Buggy operator, Conveyor operator, Bobcat operator, Mortar Man, Burners, Nozzle man on gunite work, Mortar Man shall include all laborers engaged in any mode of mixing aggregate by hand or mechanical means with the exception of silo work.

Group 2-Basic laborer's rate and includes all work not included in Group 1 or Group 3

2. Group 3-Laborers doing janitorial-type clean-up work associated with the turnover of the project or part of a project to the owner.

LABO0239C 05/01/2001

	Rates	Fringes
PASSAIC COUNTY (Twps or Boroughs of Passaic, Garfield, Lodi, Wallington, Delawanna, Allwood, Athenia, Clifton to Piaget Ave, Paterson, Albion Place, Little Falls, Totowa, West Paterson, Wayne Hawthorne, Pompton, Haledon, West Milford, Ringwood, Bloomingdale, East Paterson to the Garfield boundary line)		

LABORERS BUILDING CONSTRUCTION:

GROUP 1	22.45	11.25
GROUP 2	21.95	11.25
GROUP 3	18.66	11.25

GROUP 1-Specialist laborer classification including jack hammer, tamper, motorized tampers and compactors, street cleaning machines, scaffold builder, hydro demolition equipment, all types of motorized fork lifts, riding motor buggy operator, conveyor operator, Bobcat operator, mortar man, burners, nozzle man on gunite work, Mortar man shall include all laborers engaged in any mode of mixing aggregate by hand or mechanical means with the exception of silo work.

GROUP 2-Basic laborer's rate and includes all work not included in GROUP 1 or GROUP 3.

GROUP 3-Laborers doing janitorial- type light clean-up work associated with the turnover of the project or part of a

project to the owner.

LABO0346B 05/01/2001

	Rates	Fringes
BERGEN COUNTY (Cliffside; Borough of Cliffside Park; Borough of Fort Lee South of Central Blvd; Borough of Palisades Park South of Central Blvd; Borough of Ridgefield; Borough of Edgewater; Borough of FAirview; Hackensack; City of Hackensack; Hasbrouck Heights; Little Ferry; South Hackensack; Ridgefield Park; Bogota; Teaneck Twp. West of Teaneck Rd. and South of Fort Lee Rd.; Maywood; Saddle Brook Twp; Borough of Paramus East of Sprout Brook; Borough of River Edge; New Milford; Teterboro; Bendix; Tohell Park; Englewood; City of Englewood; Borough of Dumont; Borough of Bergenfield; Borough of Palisades Park North of Central Blvd. to Edgewater; Fort Lee to the Hudson River; Borough of Fort Lee North of Central Blvd.; Twp. of Teaneck, East of Teaneck Rd. and North of Fort Lee Rd.; Borough of Leonia; Borough of Englewood Cliffs; Borough of Tenaflly; Borough of Cresskill; Borough of Demarest; Borough of Closter; Borough of Oradell; Borough of Montvale; Borough of Woodcliff Lake; Borough of Park Ridge; Borough of Hillsdale; Twp. of Washington; Borough of Westwood; Borough of Emerson; Borough of Haworth; Borough of Alpine; Borough of Rockleigh; Borough of Norwood; Borough of Harrington Park; Borough of Old Tappan; Borough of Northvale; Township of Rivervale; Lyndhurst; Rutherford; East Rutherford; Wood-Ridge; Carlton; Carlstadt; North Arlington; Moonachie; Ridgewood; Village of Ridgewood; Borough of Fair Lawn; Borough of Glen Rock; Borough of Hohokus; Borough of Saddle River; Borough of Upper Saddle River; Borough of Allendale; Borough of Ramsey; Borough of Waldwick; Borough of Midland Park; Borough of Oakland; Borough of Franklin Lakes; Twp. of Wyckoff; Twp. of Hohokus; Borough of Paramus except East of Sprout Brook; and Borough of MAhwah)		

LABORERS:

Group 1	22.45	11.25
Group 2	21.95	11.25
Group 3	18.66	11.25

Group 1-Jack Hammers,Tampers,Motorized Tampers and Compactors,Street Cleaning Machines,Scaffold Builder,Hydro Demolition Equipment, all types of Motorized fork lifts riding Motor Buggy operator,Conveyor operator, Bobcat operator,Mortar Man,Burners, Nozzle man on gunite work, Mortar Man shall include all laborers engaged in any mode of mixing aggregate by hand or mechanical means with the exception of silo work.

Group 2-Basic laborer's rate and includes all work not included in Group 1 or Group 3

2.Group 3-Laborers doing janitorial-type clean-up work

associated with the turnover of the project or part of a project to the owner.

LABO0394C 05/01/2001

	Rates	Fringes
UNION COUNTY:		
BUILDING CONSTRUCTION:		

LABORERS:

GROUP 1	22.45	11.25
GROUP 2	21.95	11.25
GROUP 3	18.66	11.25

GROUP 1-Specialist laborer classicication including jack hammer, tamper, motorized tampers and compactors, street cleaning machines, scaffold builder, hydro demolition equipment, all types of motorized fork lifts, riding motor buggy operator, conveyor operator, Bobcat operator, mortar man, burners, nozzle men on gunite work. Mortar men shall include all laborers engaged in any mode of mixing aggregate by hand or mechanical means with the exception of silo fed.

GROUP 2-Basic laborer's rate and includes all work not included in GROUP 1 or GROUP 3.

GROUP 3-Laborers are laborers doing, janitorial-type light clean-up work associated with the turnover of the project or part of a project to the owner, and all flagman, watchman, firewatch personnel, and those manning temporary heat of all types.

LABO0472B 03/01/2000

	Rates	Fringes
LABORERS [FREE AIR TUNNEL]:		
GROUP 1	27.35	10.30+A
GROUP 2	23.95	10.30+A
GROUP 3	23.80	10.30+A
GROUP 4	23.30	10.30+A

FOOTNOTE:

A. PAID HOLIDAYS: New Year's Day; Washington's Birthday, Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Christmas Day; Presidential Election Day; and Veterans Day; provided the employee works on 3 days for the same Employer within a period of ten working days consisting of five working days before and five working days after the day upon which the holiday falls or is observed.

LABORERS CLASSIFICATIONS
[FREE AIR TUNNEL]

GROUP 1: Blasters

GROUP 2: Skilled men (including miners; drill runners; iron men
mainrenance men; conveyor men; safety miners; riggers; block
layers; cement finishers; rodmen; caulkers; powder Ccarrier; all
other skilled men)

GROUP 3: Semi-skilled men (including chuck tenders; trackmen;
nippers; brakemen; derail men; cable men; hose men; grout men;
gravel men; form men; bell or signal men (top or bottom); form
workers and movers; concrete workers; shaft men; tunnel
laborers; all other semi-skilled men)

GROUP 4: All other top laborers

LABO0472E 03/01/2001

	Rates	Fringes
LABORERS HEAVY AND HIGHWAY CONSTRUCTION:		
GROUP 1	23.70	10.65+A
GROUP 2	24.00	10.65+A
GROUP 3	24.20	10.65+A
GROUP 4	24.40	10.65+A
GROUP 5	24.65	10.65+A
GROUP 6	28.20	10.65+A
GROUP 7a	26.70	10.65+A
GROUP 7b	24.70	10.65+A

FOOTNOTE:

A. PAID HOLIDAYS: New Year's Day; Washington's Birthday;
Memorial Day; Independence Day; Labor Day; Thanksgiving
Day; Christmas Day; Presidential Election Day; and
Veteran's Day; provided the employee works on 3 days for
the same Employer within a period of ten working days
consisting of five working days before and five working
days after the day upon which the holiday falls or is
observed.

LABORERS CLASSIFICATIONS HEAVY & HIGHWAY

GROUP 1: Common laborers; landscape laborers; railroad track
laborers; pitmen and dumpmen; waterproofing; rakers and
tamperers on cold patch work and wrapping and coating all pipe
Asphalt Laborers:

GROUP 2: Powder carriers and magazine tenders; signalmen
Asphalt Raker, & Asphalt Screedman

GROUP 3: Sewer pipe; laser men; conduit and duct line layers;
jackhammer; chipping hammers; pavement breakers; power
buggies; concrete cutters, asphalt cutters; sheet hammer
and tree cutter operators; sandblasting, cutting, burning,
Power Tool Operator, and such other power tools used to perform
work usually done manually by laborers

GROUP 4: Wagon drill operator; timberman; drill master

GROUP 5: Finisher; form setter; rammer; paver; gunite nozzle

man and stone cutter; Catch Basin or Inlet Builder Manhole

GROUP 6: Blaster

GROUP 7a:Hazardous waste laborer required to wear level
A,B, or C personal protection.

GROUP 7b:Certified laborer working a hazardous waste
removal project or site at a task requiring
hazardous waste related certification, but who
is not working in a zone requiring level
A.B. or C personal protection.

LABO0502B 05/01/2001

Rates Fringes
ESSEX COUNTY (City of East Orange, Twps of South Orange and
Maplewood, Cities of Orange and West Orange):

LABORERS:

Group 1	22.45	11.25
Group 2	21.95	11.25
Group 3	18.66	11.25

Group 1-Jack Hammers,Tampers,Motorized
Tampers and Compactors,Street Cleaning
Machines,Scaffold Builder,Hydro Demolition
Equipment, all types of Motorized fork lifts
riding Motor Buggy operator,Conveyor operator,
Bobcat operator,Mortar Man,Burners, Nozzle man
on gunite work, Mortar Man shall include all
laborers engaged in any mode of mixing aggregate
by hand or mechanical means with the exception of
silo work.

Group 2-Basic laborer's rate and includes all work
not included in Group 1 or Group 3

2.Group 3-Laborers doing janitorial-type clean-up work
associated with the turnover of the project or part of a
project to the owner.

LABO0526C 05/01/2001

Rates Fringes
MORRIS COUNTY (Remainder):

LABORERS:

Group 1	22.45	11.25
Group 2	21.95	11.25
Group 3	18.66	11.25

Group 1-Jack Hammers,Tampers,Motorized
Tampers and Compactors,Street Cleaning
Machines,Scaffold Builder,Hydro Demolition

Equipment, all types of Motorized fork lifts riding Motor Buggy operator, Conveyor operator, Bobcat operator, Mortar Man, Burners, Nozzle man on gunite work, Mortar Man shall include all laborers engaged in any mode of mixing aggregate by hand or mechanical means with the exception of silo work.

Group 2-Basic laborer's rate and includes all work not included in Group 1 or Group 3

2. Group 3-Laborers doing janitorial-type clean-up work associated with the turnover of the project or part of a project to the owner.

LABO0569B 05/01/2001		
	Rates	Fringes
HUNTERDON AND WARREN COUNTIES:		
LABORERS BUILDING CONSTRUCTION:		
CLASS A	22.45	11.25
CLASS B	21.95	11.25
CLASS C	18.66	11.25

DEFINATION OF LABORERS:

CLASS A-Jack Hammer, Tamper, Motorized Tampers and Compactors, Street Cleaning Machines, Scaffold Builder, Hydro Demolition Equipment, All types of Motorized Fork Lifts, Riding Motor Buggy Operator, Bobcat Operator, Mortar Man, Burners, Nozzle Man on Gunite work.

CLASS B-All Laborers not listed in Class A or C.

CLASS C-Laborers doing Janitorial- type light clean up work associated with the turnover of the project to the owner All Flagman, and those manning temporary heat of all types.

LABO0694B 05/01/2001		
	Rates	Fringes
ESSEX COUNTY (Montclair):		
LABORERS:		
Group 1	22.45	11.25
Group 2	21.95	11.25
Group 3	18.66	11.25

Group 1-Jack Hammers, Tampers, Motorized Tampers and Compactors, Street Cleaning Machines, Scaffold Builder, Hydro Demolition Equipment, all types of Motorized fork lifts riding Motor Buggy operator, Conveyor operator, Bobcat operator, Mortar Man, Burners, Nozzle man on gunite work, Mortar Man shall include all

laborers engaged in any mode of mixing aggregate by hand or mechanical means with the exception of silo work.

Group 2-Basic laborer's rate and includes all work not included in Group 1 or Group 3

2.Group 3-Laborers doing janitorial-type clean-up work associated with the turnover of the project or part of a project to the owner.

LABO0711B 05/01/2001

MORRIS COUNTY (Morristown, Morris Twp., Morris Plains, Mendham, Ralston, Chester, Brookside, Flanders, Ironia, Mount Freedom, Mount Tabor, Parsippany, Troy Hills, Pine Brook, Ced Knolls, Whippany, Hanover Twp. and Long Valley):

LABORERS:

	Rates	Fringes
Group 1	22.45	11.25
Group 2	21.95	11.25
Group 3	18.66	11.25

Group 1-Jack Hammers, Tampers, Motorized Tampers and Compactors, Street Cleaning Machines, Scaffold Builder, Hydro Demolition Equipment, all types of Motorized fork lifts riding Motor Buggy operator, Conveyor operator, Bobcat operator, Mortar Man, Burners, Nozzle man on gunite work, Mortar Man shall include all laborers engaged in any mode of mixing aggregate by hand or mechanical means with the exception of silo work.

Group 2-Basic laborer's rate and includes all work not included in Group 1 or Group 3

2.Group 3-Laborers doing janitorial-type clean-up work associated with the turnover of the project or part of a project to the owner.

NJ010003 - 1

LABO0779B 05/01/2001

SOMERSET COUNTY (Bridgewater, Branchburg, Raritan, Bound Brook, Somerville, Manville, Hillsboro, Millstone, Montgomery and Rocky Hill Twp.):

LABORERS:

	Rates	Fringes
Group 1	22.45	11.25
Group 2	21.95	11.25
Group 3	18.66	11.25

Group 1-Jack Hammers,Tampers,Motorized
Tampers and Compactors,Street Cleaning
Machines,Scaffold Builder,Hydro Demolition
Equipment, all types of Motorized fork lifts
riding Motor Buggy operator,Conveyor operator,
Bobcat operator,Mortar Man,Burners, Nozzle man
on gunite work, Mortar Man shall include all
laborers engaged in any mode of mixing aggregate
by hand or mechanical means with the exception of
silo work.

Group 2-Basic laborer's rate and includes all work
not included in Group 1 or Group 3

2.Group 3-Laborers doing janitorial-type clean-up work
associated with the turnover of the project or part of a
project to the owner.

LABO0913B 05/01/2001

Rates

Fringes

MORRIS (Jefferson, Rockaway, Mount Arlington, Rockaway Borough,
Wharton, Mine Hill, Dover, Netcong, Roxbury, Mount Oliver,
Randolph, Boonton, Boonton Twp., Montville, Lincoln Park
Borough, Butler, Kinnelon Borough, Pin Brook, Towaco,
Danville, Mountain Lakes, Pequannock, Pompton Plains,
Riverdale Borough Twps) AND SUSSEX COUNTIES

LABORERS BUILDING CONSTRUCTION:

Class A Laborer:	22.45	11.25
Class B Laborer:	21.95	11.25
Class C Laborer:	18.66	11.25

Class A Laborer:Jack Hammer,tamper, motorized tampers and
compactors, street cleaning machines, scaffold builder,
hydro demolition equipment, all types of motorized fork lifts,
bobcat operator, riding motor buggy operator, conveyor operator
mortar man (except silo feed operations), burners, & nozzle
man on gunnite work.

Class B Laborer:All laborers not listed in Class A.

Class C Laborer:Laborers doing Janitorial type light clean up
work, associated with the turnover of the project to the owner
All Flagman, and those manning temporary heat of all types.

LABO1030A 04/01/2001

Rates

Fringes

LABORERS: (The removal, abatement, enclosure and decontamination
of personal protective equipment, chemical protective clothing
and machinery relating to asbestos and/or toxic and hazardous
waste of materials which shall include but not necessarily be
limited to: the erection, moving, servicing and dismantling to

all enclosures, scaffolding, barricades, and the operation of all tools and equipment normally used in the removal or abatement of asbesots and toxic and hazardous waste or materials, the labeling, bagging, cartoning, crating, or other packaging of materials for disposal; and the clean up of the work site and all other work incidental to the removal, abatement, encapsulation, enclosure, and decontamination of asbestos or toxic and hazardous waste materials; and in addition, all work tasks involved in the maintenance and operation of energy resource recover plants (co-generation plants).)

LABORERS	21.85	10.12
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LABO1153B 05/01/2001

	Rates	Fringes
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ESSEX COUNTY (Remainder), AND HUDSON (Kearny, East Newark and Harrison):

LABORERS:

Group 1	22.45	11.25
Group 2	21.95	11.25
Group 3	18.66	11.25

Group 1-Jack Hammers,Tampers,Motorized Tampers and Compactors,Street Cleaning Machines,Scaffold Builder,Hydro Demolition Equipment, all types of Motorized fork lifts riding Motor Buggy operator,Conveyor operator, Bobcat operator,Mortar Man,Burners, Nozzle man on gunite work, Mortar Man shall include all laborers engaged in any mode of mixing aggregate by hand or mechanical means with the exception of silo work.

Group 2-Basic laborer's rate and includes all work not included in Group 1 or Group 3

2.Group 3-Laborers doing janitorial-type clean-up work associated with the turnover of the project or part of a project to the owner.

PAIN0711D 05/01/2000

	Rates	Fringes
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PAINTERS:

NEW:

Painters	28.75	2.55+27%
Paperhangers	28.75	2.55+27%
Spray,Sandblast,High Work	31.25	2.55+27%
Bridge	31.25	2.55+27%

REPAINT:

Painters	22.00	2.55+27%
Spray,sandblast,High Work	24.00	2.55+27%

PAIN0711F	05/01/2000		
		Rates	Fringes
GLAZIERS		28.75	10.30
GLAZIERS-HIGH WORK		29.75	10.30

PAIN0711J	08/01/1999		
		Rates	Fringes
DRYWALL FINISHERS & TAPERS		28.25	11.23

PLAS0008M	05/01/2000		
		Rates	Fringes
HUNTERDON,MIDDLESEX,& SOMERSET COUNTIES:			
PLASTERERS		27.15	12.55

PLUM0009C	03/01/2001		
		Rates	Fringes
AIR CONDITIONING & REFRIGERATION MECHANIC			
Installation of refrigeration equipment for any type of building where the combined compressor tonnage does not exceed 5 tons, Installation of water-cooled air conditioning that does not exceed 10 tons (includes the piping of compenent system and the erection ofthe water tower), Installation of air-cooled air conditioning that does not exceed 15 tons			
		23.81	9.09+A
FOOTNOTE:			
A. Paid Holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Labor Day, Thanksgiving Day, Christmas Day, plus Washington's Birthday and Veterans Day.			

PLUM0009H	07/01/2001		
		Rates	Fringes
HUNTERDON (Remainder), MERCER,MIDDLESEX (Excluding Dunellen,Borough, East Bound Brook, Middlesex, New Market, Oak Tree, Piscataway Twp and South Plainfield), AND SOMERSET (Remainder) COUNTIES			
PLUMBERS & PIPEFITTERS		33.13	15.25

PLUM0014B	05/01/2000		
		Rates	Fringes
BERGEN, HUDSON (Bayonne, Guttenberg, Hoboken, Jersey City, North Bergen, Secaucus, Union City, Weehawken, West New York), MORRIS (From Mount Olive straight across Randolph down to the Essex border), PASSAIC, SUSSEX, AND WARREN (Northern half) COUNTIES			

PLUMBERS

32.53

13.95

PLUM0024A 05/01/2000

Rates

Fringes

Essex:

HUDSON (East Newark,Harrison,& Kearney only);

HUNTERDON (Alexandria, Alexandria Twp., Alexauken, Allens Corner, Allerton, Amsterdam, Annadale, Anthony, Baptistown, Bellewood, Bethlehem, Twp., Bissell, Bloomsbury, Bunnvale, Bottonwood Corners, Centerville, Charlestown, Cherryville, Clinton, Clinton Twp., Cokebury, Coles Mills, Croton, Delaware Twp., Dilts Corner East Amwell Twp., Everittstown, Fairmount, Farmersville, Franklin Twp., Frenchtown, Glen Gardner, Grandin, Hamden, Hampton, Higginsville, High Bridge, Hoffmans, Holland Twp., Highesville, Johnsons, Jutland, King, Kingwood Twp., Klinesville, Landsdowne, Lebanon, Lebanon Twp., Little Brook, Little Neck, Little York, Ludlow, McPherson, Milford, Moutainville, Mount Joy, Mount

Pleasant, North Salem, Muirshead, New Germantown, New Hampton, Newport, Norton, Oak Grove, Oldwick, Palmyra, Palmyra Corners, Pattenburg, Perryville, Pittstown, Pleasant Run, Polktown, Potterstown, Quakertown, Raritan Twp., Readington, Readington Twp., Reaville, Rileyville, Riverside, Rockafellows, Rowland Mills Sidney, Snyderstown, Spring Mills, Stanton, Stanton Station Sunnyside, Sutton, Tewksbury, Tewksbury Twp.,The Point, Three Bridges, Treasure Island, Tumble, Union, Union Twp., Unionville Van Syckle, Warren Paper Mills, Wertsville, West End, West Portal White House, Whitehouse Station, Woodglen).

MIDDLESEX (Dunellen Borough, East Bound Brook, Middlesex, New Market, Oak Tree, Piscataway Twp., & South Plainfield only).

MORRIS (Bartley, Berkshire Valley, Bertland Island, Brookside, Chatham, Chatham Twp., Chester, Chester Twp., Cooks Bridge, Crestmoore, Gillette, Harding Twp., Ironia, Logansville, Long Valley, Malapardis, Mendham, Mendham Twp., Middle Valley, Millington, Milltown, Milton, Mount Freesom, Mount Olive Twp.,Mount Paul, Myerstown, Maughright, New Vernon, Parker, Passaic Twp, Pleasant Grove, Ralston, Schooleys, Mount Stanley, Stephensonburg, Stirling, & Washint Twp.)

SOMERSET (Amwell, Basking Ridge, Bedminster, Bedminster Twp., Bernards Twp., Bernardsville, Blaziers Corner, Bound Brook, Bradley Gardens, Branchburg Twp., Bridgewater Twp., Burnt Mill, Centerville, Chimney Rock, Claver Hill, Dutchtown, Far Hills Borough, Finderne, Flagstown, Frank Fort, Franklin Park, Franklin Twp., Gallia, Gladstone, Greater Cross Roads, Hamilton, Harmony, Harmony Colony, Higgins Mills, Hillsborough Twp., Lamington, Lanes Crossing, Liberty Corners, Lyons, Madisonville, Manville, Manville Borough, Martinsville, Mettler, Millstone, Mine Brook, Montgomery, Montgomery Twp., Mount Bethel, Mount Horeb, Neshanic, Neshanic Station, North Branch, North Branch Depot, North Plainfield, Peapack, Peapack-Gladstone, Plainville

Plukemin, Pottersville, Raritan, Ravine Lake, Rock Mill, Round Top, Roycefield, Royce Valley, Seeley Mills, Smalleytown, Somerset, Somerville, Stone House, Sunset Lake, Union Village, Vliettown, Watchung, West Millington, Weston, White Bridge, Woodfern, Zarepat, & Zion).

UNION &

WARREN (Anderson, Asbury, Beattystown, Brainards, Brass Castle, Broadway, Buttzville, Carpetersville, Changewater, Cornish, Finesville, Foul Rift, Franklin Twp., Greenwich Twp., Harmony, Harmony Station, Harmony Twp., Haszen, Hope Twp., Hutchinson, Karrville, Kennedy, Lopatconq, Lopatconq Twp., Lower Harmony, Mansfield Twp., Montana, New Village, Oxford, Oxford Twp., Pequest, Pleasant Valley, Port Colden, Port Murray, Riegelsville, Rockport, Rocksbury, Roxburgh, Springtown, Stewartsville, Still Valley, Vulcanite, Warren Glen, Washington, Washington Twp., White Top, & Phillipsburg Twp.) COUNTIES:

PLUMBERS (Excludes Somerset- Bldg)	32.78	13.50.
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PLUM0274B 05/01/2001

	Rates	Fringes
BERGEN, HUDSON, MORRIS (Remainder), PASSAIC, SUSSEX, AND WARREN (Remainder) COUNTIES		

PIPEFITTERS	32.91	15.72
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PLUM0475B 05/01/2001

	Rates	Fringes
ESSEX; HUNTERDON (Alexandria, Alexandria Twp, Alexauken, Allens Corner, Allertown, Amsterdam, Annandale, Anthony, Baptistown, Bellewood, Bethlehem Twp, Bissell, Bloomsbury, Bunnvale, Buttonwood Corners, Centerville, Charlestown, Cherryville, Clinton, Cokebury, Coles Mills, Croton, Delaware Twp, Dilts Corner, East Amwell Twp, Evittstown, Fairmount, Farmersville, Franklin Twp, Frenchtown, Glen Gardner, Grandin, Hamden, Hampton, Higginsville, High Bridge, Hoffmans, Holland Twp, Hughesville, Johnsons, Jutland, King, Kingwood Twp, Klinesville, Landsdowne, Lebanon, Lebanon Twp, Little Brooke, Little Neck, Little York, Ludlow, McPherson, Milford, Mountainville, Mount Joy, Mount Pleasant, Mount Salem, Muirshead, New Germantown, New Hampton, Newport, Norton, Oak Grove, Oldwick, Palmyra, Palmyra Corners, Pattenburg, Perryville, Pittstown, Pleasant Run, Polktown, Potterstown, Quakertown, Raritan Twp, Readington Twp); AND WARREN (Phillipsburg Twp) COUNTIES		

PIPEFITTERS	32.17	15.93
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ROOF0004B 06/01/1996

	Rates	Fringes
ESSEX; HUDSON (West of the Hackensack River); MIDDLESEX (Remainder); MORRIS; SOMERSET (Remainder) SUSSEX; UNION; AND		

WARREN COUNTIES

ROOFERS:

Roofer, Composition, Damp & Waterproofing, Slate & Tile	24.22	11.75
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ROOF0004D 11/27/1994

Rates	Fringes
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HUNTERDON COUNTY:

ROOFERS:

Shingle, slate and tile	14.25	3.02
All other work	21.95	6.53 + A

FOOTNOTE:

A. Employer contribution of \$509.60 per month per employee to Health and Welfare Funds.

ROOF0008F 07/01/2001

Rates	Fringes
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HUDSON COUNTY (Remainder)

ROOFERS:

Roofers, Composition, Damp and Waterproofing	29.08	18.78
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ROOF0010B 06/01/2001

Rates	Fringes
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BERGEN AND PASSAIC COUNTIES

ROOFERS, COMPOSITION	28.75	10.30
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SFNJ0669A 04/01/2001

Rates	Fringes
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HUNTERDON; MIDDLESEX (Remainder); AND WARREN COUNTIES

SPRINKLER FITTERS	31.30	6.00
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SFNJ0696B 07/01/2001

Rates	Fringes
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BERGEN, ESSEX, HUDSON, MIDDLESEX (New Brunswick, Milltown, Old Bridge, Browntown and North thereof), MORRIS, PASSAIC, SOMERSET (Bernardsville, Basking Ridge, Mine Brook, Far Hills, Lyons, Mount Bethel, Watchung, North Plainfield Martinville and Somerville), AND UNION COUNTIES

SPRINKLER FITTER	36.95	10.45
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SHEE0025C 06/01/2000

Rates	Fringes
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BERGEN, ESSEX, HUDSON, MORRIS, PASSAIC, SOMERSET, SUSSEX, & UNION
COUNTIES

SHEET METAL WORKERS	26.92	16.12
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SHEE0027A 06/01/2000		
	Rates	Fringes
HUNTERDON & MIDDLESEX COUNTIES:		

SHEET METAL WORKERS	31.00	15.38
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SHEE0028D 06/01/1994		
	Rates	Fringes
WARREN COUNTY		

SHEET METAL WORKERS	19.42	7.41
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TEAM0408B 05/01/1997		
	Rates	Fringes
ESSEX, MORRIS, AND UNION (Remainder) COUNTIES		

TRUCK DRIVERS:		
GROUP 1	24.45	7.01+A
GROUP 2	24.50	7.01+A
GROUP 3	24.60	7.01+A
GROUP 4	24.70	7.01+A

FOOTNOTE:

A. Premium pay for hazardous waste removal: additional \$3.00 per hour if suite-up, otherwise \$1.00 per hour additional.
Paid Holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Election Day, Thanksgiving Day, and Christmas Day, provided the employee has been assigned to work or "shifts" one day of the calendar week during which the holiday falls.
Employer contribution of \$663.57 per month per employee to Health & Welfare Funds.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Drivers on the following type vehicles: Straight dumps, flats, floats, pickups, container haulers, fuel, water sprinkler, road oil, stringer, bead, hot pass, bus dumpcrete, transit mixers, agitator mixer, half truck, witch truck, side-o-matic, dynamite, powder, x-ray, welding, skid, jeep, station wagon, stringer, a-frame, all dual purpose trucks, trucks with mechanical tailgates, asphalt distributor, batch trucks, seeding, mulching, fertilizer, air compressor trucks (in transit), parts chaser, escort, scissor, hi-lift, telescope, concrete breaker, gin pole, stone, sand, asphalt distributor and spreader, nipper, fuel trucks (drivers on fuel trucks including handling of hose and nozzle - entire unit), team drivers, vacuum or vac-all trucks (entire unit), skid truck (debris container - entire unit),

concrete mobile trucks (entire unit), expediter (parts chaser),
 beltcrete trucks, pumpcrete trucks, line truck, reel truck,
 wreckers, utility trucks, tack trucks, warehousemen, warehouse
 parts-men, yardmen, lift truck in warehouse, warehouse clerk,
 parts man, material checker, receivers, shippers, binning men
 (materials), cardex man, drivers on the following type vehicles:
 broyhill coal tar epoxy trucks, little ford bituminous
 distributor, slurry seal truck or vehicle,
 thiokol track master pickup (swamp cat pickup); bucket loader
 dump truck and any rubber-tired tractor used in pulling and
 towing farm wagons and trailers of any description, similar type
 vehicles, off-site and on-site repair shop
 GROUP 2: Drivers on straight 3-axle materials: trucks and floats

GROUP 3: Drivers on all euclid type vehicles: euclids,
 international harvestors, wabcos, caterpillar, koehring, tractors
 and wagons, dumpsters, straight, bottom, rear and side dumps,

carry-alls and scrapers (not self-loading, loading over the top);
 water sprinkler trailers; water pulls and similar types of
 vehicles; drivers on tractors and trailer type vehicles: flat,
 floats, I-beams, low beds, water sprinkler, bituminous transit
 mix, road oil, fuel, bottom dump hopper, rear dump, office,
 shanty, epoxy, asphalt, agitator mixer, mulching, stringer,
 seeding, fertilizing pole, spread, bituminous distributor, water
 pulls (entire unit) (tractor trailer), reel trailer, and similar
 types of vehicles

GROUP 4: Winch trailer drivers

 TEAM0469C 05/01/2000

	Rates	Fringes
HUNTERDON, MIDDLESEX, SOMERSET, UNION (up to Wood Avenue South of Cranford), AND WARREN COUNTIES		

TRUCK DRIVERS:

GROUP 1	26.35	11.835+A
GROUP 2	26.40	11.835+A
GROUP 3	26.50	11.835+A
GROUP 4	26.60	11.835+A

FOOTNOTE:

A. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence
 Day, Labor Day, Thanksgiving Day, Christmas Day, plus
 Washington's Birthday, Election Day and Veteran's Day,
 provided that the employee has been assigned to work or
 "SHIFTS" one day of the calendar week during which the
 holiday falls.
 \$400.00 per year to Apprenticeship Training Fund.
 \$3.00 per hour premium pay for hazardous waste work.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Drivers on the following type vehicles: straight dumps,
 flats, floats, pickups, container haulers, fuel, water sprinkler,
 road oil, stringer, bead, hot pass, bus dumpcrete, transit

mixers, agitator mixer, half truck, winch truck, side-o-matic, dynamite, powder, x-ray, welding, skid, jeep, station wagon, stringer, A-frame, all dual purpose trucks, trucks with mechanical tailgates, asphalt distributor, batch trucks, seeding, mulching, fertilizer, air compressor trucks (in transit), parts chaser, escort, scissor, hi-lift, telescope, concrete breaker, gin pole, stone, sand, asphalt distributor and spreader, nipper, fuel trucks (drivers on fuel trucks including handling of hose and nozzle - entire unit), team drivers, vacuum or vac-all trucks (entire unit), skid truck (debris contained - entire unit), concrete mobile trucks (entire unit), expediter (parts chaser), beltcrete trucks, pumpcrete trucks, line truck, reel truck, wreckers, utility trucks, tack trucks, warehousemen, warehouse parts-men, yardmen, lift truck in warehouse, drivers on the following type vehicles: Broyhill coal tar epoxy trucks, little

ford bituminous distributor, slurry seal truck or vehicle, thiokol track master pickup (swamp cat pickup); bucket loader dump truck and any rubber-tired tractor used in pulling and towing farm wagons and trailers of any description, similar type vehicles, off-site and on-site repair shop

GROUP 2: Drivers on straight 3-axle materials: trucks and floats

GROUP 3: Drivers on all euclid type vehicles: euclids, international harvesters, wabcos, caterpillar, koehring, tractors and wagons, dumpsters, straight, bottom, rear and side dumps, carry-alls and scrapers (not self-loading, loading over the top); water sprinkler trailers; water pulls and similar types of vehicles; drivers on tractors and trailer type vehicles: flat, floats, I-beams, low beds, water sprinkler, bituminous transit mix, road oil, fuel, bottom dump hopper, rear dump, office, shanty, epoxy, asphalt, agitator mixer, mulching, stringer, seeding, fertilizing pole, spread, bituminous distributor, water pulls (entire unit) (tractor trailer), reel trailer, and similar types of vehicles

GROUP 4: Winch trailer drivers

TEAM0560C 05/01/1997		
	Rates	Fringes
BERGEN, HUDSON AND PASSAIC COUNTIES		
TRUCK DRIVERS:		
GROUP 1	24.45	8.08+A
GROUP 2	24.50	8.08+A
GROUP 3	24.60	8.08+A
GROUP 4	24.70	8.08+A

FOOTNOTE:

- A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Presidential Election Day, Veteran's Day, Thanksgiving Day, Christmas Day. \$3.00 per hour premium pay for hazardous work.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Drivers on the following type vehicles: straight dumps, flats, floats, pickups, container haulers, fuel, water sprinkler, road oil, stringer, bead, hot pass, bus dumpcrete, transit mixers, agitator mixer, half truck, winch truck, side-o-matic, dynamite, powder, x-ray, welding, skid, jeep, station wagon, stringer, A-frame, all dual purpose trucks, trucks with mechanical tailgates, asphalt distributor, batch trucks, seeding, mulching, fertilizer, air compressor trucks (in transit), parts chaser, escort, scissor, hi-lift, telescope, concrete breaker, gin pole, stone, sand, asphalt distributor and spreader, nipper, fuel trucks (drivers on fuel trucks including handling of hose and nozzle - entire unit), team drivers, vacuum or vac-all trucks (entire unit), skid truck (debris container - entire unit),

concrete mobile trucks (entire unit), expediter (parts chaser), beltcrete trucks, pumpcrete trucks, line truck, reel truck, wreckers, utility trucks, tack trucks, warehousemen, warehouse parts-men, yardmen, lift truck in warehouse, warehouse clerk, parts man, material checker, receivers, shippers, binning men (materials), cardex man, drivers on the following type vehicles: broyhill coal tar epoxy trucks, little ford bituminous distributor, slurry seal truck or vehicle, thiokol track master pickup (swamp cat pickup); bucket loader truck and any rubber-tired tractor used in pulling and towing farm wagons and trailers of any description, similar type vehicles, off-site and on-site repair shop

GROUP 2: Drivers on straight 3-axle materials: trucks and floats

GROUP 3: Drivers on all euclid type vehicles: euclids, international harvestors, wabcos, caterpillar, keohring, tractors and wagons, dumpsters, straight, bottom, rear and side dumps, carry-alls and scrapers (not self-loading, loading over the top); water sprinkler trailers; water pulls and similar types of vehicles; drivers on tractors and trailer type vehicles: flat, floats, I-beams, low beds, water sprinkler, bituminous transit mix, road oil, fuel, bottom dump hopper, rear dump, office, shanty, epoxy, asphalt, agitator mixer, mulching, stringer, seeding, fertilizing pole, spread, bituminous distributor, water pulls (entire unit) (tractor trailer), reel trailer, and similar types of vehicles

GROUP 4: Winch trailer drivers

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively

bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.

Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

SECTION 02620A

SUBDRAINAGE SYSTEM

08/97

Payment Item No. 33 - Subdrains

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
(AASHTO)

AASHTO M 190	(1995) Bituminous Coated Corrugated Metal Culvert Pipe and Pipe Arches
AASHTO M 252	(1996) Corrugated Polyethylene Drainage Tubing
AASHTO M 294	(1996) Corrugated Polyethylene Pipe, 305-to 915-mm (12-to 36 in.) Diameter

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM A 27	(1996) Steel Castings, Carbon, for General Application
ASTM A 47	(1990; R 1995) Ferritic Malleable Iron Castings
ASTM A 48	(1994a) Gray Iron Castings
ASTM A 123	(1997a) Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
ASTM A 227	(1993) Steel Wire, Cold-Drawn for Mechanical Springs
ASTM A 229	(1993) Steel Wire, Oil-Tempered for Mechanical Springs
ASTM A 760	(1997) Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains

ASTM A 762	(1997) Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains
ASTM B 745	(1997) Corrugated Aluminum Pipe for Sewers and Drains
ASTM C 4	(1998) Clay Drain Tile
ASTM C 14	(1995) Concrete Sewer, Storm Drain, and Culvert Pipe
ASTM C 55	(1997) Concrete Brick
ASTM C 62	(1997) Building Brick (Solid Masonry Units Made from Clay or Shale)
ASTM C 139	(1997) Concrete Masonry Units for Construction of Catch Basins and Manholes
ASTM C 150	(1997) Portland Cement
ASTM C 231	(1997) Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C 412	(1994) Concrete Drain Tile
ASTM C 425	(1998) Compression Joints for Vitrified Clay Pipe and Fittings
ASTM C 444	(1995) Perforated Concrete Pipe
ASTM C 478	(1997) Precast Reinforced Concrete Manhole Sections
ASTM C 654	(1995) Porous Concrete Pipe
ASTM C 700	(1997) Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated
ASTM D 1751	(1983; R 1991) Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)
ASTM D 1752	(1984; R 1996) Preformed Sponge Rubber and Cork Expansion Joint Fillers for Concrete Paving and Structural Construction
ASTM D 2751	(1996a) Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings

ASTM D 3034	(1998) Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
ASTM D 3212	(1996a) Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals
ASTM D 3753	(1981; R 1991) Glass-Fiber-Reinforced Polyester Manholes
ASTM D 5034	(1995) Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM F 405	(1996) Corrugated Polyethylene (PE) Tubing and Fittings
ASTM F 667	(1997) Large Diameter Corrugated Polyethylene Tubing and Fittings
ASTM F 758	(1995) Smooth-Wall Poly(Vinyl Chloride) (PVC) Plastic Underdrain Systems for Highway, Airport, and Similar Drainage
ASTM F 949	(1996a) Poly(Vinyl Chloride) (PVC) Corrugated Sewer Pipe With a Smooth Interior and Fittings

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-07 Certificates

Filter Fabric; G E.
Pipe for Subdrains; G E.

Certifications from the manufacturers attesting that materials meet specification requirements. Certificates are required for drain pipe, drain tile, fittings, and filter fabric.

1.3 DELIVER, STORAGE, AND HANDLING

1.3.1 Delivery and Storage

Materials delivered to site shall be inspected for damage, unloaded, and stored with minimum handling. Materials shall not be stored directly on the ground. The inside of pipes and fittings shall be kept free of dirt and debris. During shipment and storage, filter fabric shall be wrapped in

burlap or similar heavy duty protective covering. The storage area shall protect the fabric from mud, soil, dust, and debris. Filter fabric materials that are not to be installed immediately shall not be stored in direct sunlight. Plastic pipe shall be installed within 6 months from the date of manufacture unless otherwise approved.

1.3.2 Handling

Materials shall be handled in such a manner as to insure delivery to the trench in sound undamaged condition. Pipe shall be carried and not dragged to the trench.

1.4 MEASUREMENT AND PAYMENT

1.4.1 Subdrains

The length of pipe installed will be measured from end to end along the centerline without any deduction for appurtenances. Subdrains will be paid for according to the number of linear feet of subdrains placed in the accepted work. Payment for bedding and filter materials, filter fabric, pipe and cleanouts, will be included in the payment for the subdrain system.

PART 2 PRODUCTS

2.1 PIPE FOR SUBDRAINS

Pipe for subdrains shall be of the types and sizes indicated.

2.1.1 Plastic Pipe

Plastic pipe shall contain ultraviolet inhibitor to provide protection from exposure to direct sunlight.

2.1.1.1 Corrugated Polyethylene (PE) Pipe and Fittings

Use ASTM F 405 for pipes 3 to 6 inches in diameter, inclusive. Fittings shall be manufacturer's standard type and shall conform to the indicated specification.

2.1.1.2 Pipe Perforations

Water inlet area shall be a minimum of 0.5 square inch per linear foot. Manufacturer's standard perforated pipe which essentially meets these requirements may be substituted with prior approval of the Contracting Officer.

- a. Circular Perforations in Plastic Pipe: Circular holes shall be cleanly cut not more than 3/8 inch or less than 3/16 inch in diameter and arranged in rows parallel to the longitudinal axis of the pipe. Perforations shall be approximately 3 inches center-to-center along rows. The rows shall be approximately

1-1/2 inches apart and arranged in a staggered pattern so that all perforations lie at the midpoint between perforations in adjacent rows. The rows shall be spaced over not more than 155 degrees of circumference. The spigot or tongue end of the pipe shall not be perforated for a length equal to the depth of the socket, and perforations shall continue at uniform spacing over the entire length of the pipe.

- b. Slotted Perforations in Plastic Pipe: Circumferential slots shall be cleanly cut so as not to restrict the inflow of water and uniformly spaced along the length and circumference of the tubing. Width of slots shall not exceed 1/8 inch nor be less than 1/32 inch. The length of individual slots shall not exceed 10 percent of the tubing inside nominal circumference on 4 to 8 inch diameter tubing. Rows of slots shall be symmetrically spaced so that they are fully contained in 2 quadrants of the pipe. Slots shall be centered in the valleys of the corrugations of profile wall pipe.

2.2 FILTER FABRIC

Filter fabric shall be a pervious sheet of polyester, nylon, or polypropylene filaments woven or otherwise formed into a uniform pattern with distinct and measurable openings. The filter fabric shall provide an equivalent opening size (AOS) no finer than the US Standard Sieve No. 70 and no coarser than the US Standard Sieve No. 30. AOS is defined as the number of the US Standard sieve having openings closest in size to the filter fabric openings. The percent open area provided shall not be less than 4 percent and not more than 10 percent. Percent open area is defined as the summation of open areas divided by the total area of the filter fabric and expressed as a percent. The fabric shall have a minimum physical strength of 100 pounds per inch in any direction when tested in accordance with ASTM D 5034 using the grab test method with 1 square inch jaws and a constant rate of travel of 12 inches per minute. Elongation at failure shall be between 30 and 70 percent. The fabric shall be constructed so that the filaments will retain their relative position with respect to each other. The edges of the fabric shall be selvaged or otherwise finished to prevent the outer material from pulling away from the fabric.

2.3 SUBDRAIN FILTER AND BEDDING MATERIAL

Subdrain filter and bedding material shall be washed sand, sand and gravel, crushed stone, crushed stone screenings, or slag composed of hard, tough, durable particles free from adherent coatings. Filter material shall not contain corrosive agents, organic matter, or soft, friable, thin, or elongated particles and shall be evenly graded between the limits specified in TABLE I. Gradation curves will exhibit no abrupt changes in slope denoting skip or gap grading. Filter materials shall be clean and free from soil and foreign materials. Filter blankets found to be dirty or otherwise contaminated shall be removed and replaced with material meeting the specific requirements, at no additional cost to the Government.

TABLE I. FILTER GRADATION

Sieve Designation	Percent by Weight Passing
ASTM C 33	Table 2, Size 56

TABLE I. FILTER GRADATION

Sieve Designation	Percent by Weight Passing
ASTM C 33	Table 2, Size 56

PART 3 EXECUTION

3.1 EXCAVATION AND BEDDING FOR SUBDRAIN SYSTEMS

Trenching and excavation, including the removal of rock and unstable material, shall be in accordance with Section 02222 EXCAVATION, TRENCHING, AND BACKFILLING FOR UTILITIES SYSTEMS. Bedding material shall be placed in the trench as indicated or as required as replacement materials used in those areas where unstable materials were removed. Compaction of the bedding material shall be as specified for cohesionless material in Section 02222 EXCAVATION, TRENCHING, AND BACKFILLING FOR UTILITIES SYSTEMS.

3.2 CLEANOUTS

3.2.1 Cleanout

Cleanouts and observation riser pipes with caps shall be installed at the locations indicated. Risers shall be constructed of corrugated polyethylene pipe. Joining of riser pipes to the subdrain system shall be as indicated.

3.3 INSTALLATION OF FILTER FABRIC AND PIPE FOR SUBDRAINS

3.3.1 Installation of Filter Fabric

3.3.1.1 Trench Lining and Overlaps

Trenches to be lined with filter fabric shall be graded to obtain smooth side and bottom surfaces so that the fabric will not bridge cavities in the soil or be damaged by projecting rock. The fabric shall be laid flat but not stretched on the soil, and it shall be secured with anchor pins. Overlaps shall be at least 18 inches, and anchor pins shall be used along the overlaps.

3.3.2 Installation of Pipe for Subdrains

3.3.2.1 Pipelaying

Each pipe shall be carefully inspected before it is laid. Any defective or damaged pipe shall be rejected. No pipe shall be laid when the trench conditions or weather is unsuitable for such work. Water shall be removed from trenches by sump pumping or other approved methods. The pipe shall be laid to the grades and alignment as indicated. The pipe shall be bedded to the established gradeline. Perforations shall be centered on the bottom of the pipe. Pipes of either the bell-and-spigot type or the tongue-and-groove type shall be laid with the bell or groove ends upstream. All pipes in place shall be approved before backfilling.

3.3.2.2 Jointings

Perforated Corrugated Polyethylene Pipe: Perforated corrugated polyethylene drainage pipe shall be installed in accordance with the manufacturer's specifications and as specified herein. A pipe with physical imperfections shall not be installed. No more than 5 percent stretch in a section will be permitted.

3.4 CONNECTION TO STORM DRAINAGE SYSTEM

Connection to the storm drainage system shall be made using a pipe saddle installed as recommended by the saddle manufacturer.

3.5 INSTALLATION OF FILTER MATERIAL AND BACKFILLING FOR SUBDRAINS

After pipe for subdrains has been laid, inspected, and approved, filter material shall be placed around and over the pipe to the depth indicated. The filter material shall be placed in layers not to exceed 8 inches thick, and each layer shall be thoroughly compacted by mechanical tampers or rammers to obtain the required density. Compaction of filter material and the placement and compaction of overlying backfill material shall be in accordance with the applicable provisions specified in Section 02222 EXCAVATION, TRENCHING, AND BACKFILLING FOR UTILITIES SYSTEMS.

-- End of Section --